



CITY of NOVI CITY COUNCIL

Agenda Item I
September 14, 2009

SUBJECT: Approval to award an amendment to the engineering services contract for construction engineering services related to the 2009 Federally Funded Major Road Projects to Orchard, Hiltz & McCliment, Inc. (OHM), for a not-to-exceed fee of \$80,900.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$27,980 (Meadowbrook Road)
	\$27,980 (Nine Mile—Haggerty to Meadowbrook)
	\$24,940 (Nine Mile—Novi to Taft)
AMOUNT BUDGETED	\$35,000 (Meadowbrook Road)
	\$35,000 (Nine Mile—Haggerty to Meadowbrook)
	\$35,000 (Nine Mile—Novi to Taft)
LINE ITEM NUMBER	202-202.00-805.651 (Meadowbrook Road)
	202-202.00-805.652 (Nine Mile—Haggerty to Meadowbrook)
	202-202.00-805.653 (Nine Mile—Novi to Taft)

BACKGROUND INFORMATION:

The City of Novi was awarded \$1,008,000 in federal funding through the American Recovery and Reinvestment Act of 2009. The three projects that received federal funding are: 1) Meadowbrook Road from Eight Mile to Nine Mile Road, 2) Nine Mile Road from Meadowbrook Road to Haggerty Road and 3) Nine Mile Road from Novi Road to Taft Road. The attached map shows the location of these three projects. Each project consists of the rehabilitation or reconstruction of one mile of road, with other improvements such as curb replacement, base repair, sidewalk ramp replacement to comply with ADA requirements, and general drainage improvements.

OHM was awarded the design engineering component of this project on March 23, 2009. As part of the original request for proposals, the Engineering Division required the consultants to provide construction phase fees to facilitate the future award of the construction phase. Of the six firms that submitted proposals, OHM had the highest staff review score, met all requirements listed in the request for proposals, and had the most comprehensive proposal.

The construction phase engineering fees are determined using two components: 1) the contract administration fee, which is a not-to-exceed amount provided by the consultant in its proposal, and 2) the construction inspection fee determined using a cost per inspection (crew) day that is then multiplied by the number of days estimated by the engineer. The construction phase fees for this project include a contract administration fee of \$20,100 and an inspection fee of \$60,800 (\$608 per crew day, multiplied by the 100 days estimated for construction) for a total not-to-exceed fee of \$80,900 (OHM's fee proposal is attached).

MDOT opened bids for the project on September 3, 2009 and has approved the City's request for expedited award so that the Meadowbrook Road and Nine Mile Road (Haggerty to Meadowbrook) can be completed this fall before the Novi Road Widening and Bridge project begins in 2010. The

remaining segment, Nine Mile Road (Taft Road to Novi Road) requires additional work compared to the other two segments and will be completed beginning in Spring 2010.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services contract for construction engineering services related to the 2009 Federally Funded Major Road Projects to Orchard, Hiltz & McCliment, Inc. (OHM), for a not-to-exceed fee of \$80,900.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Burke				
Council Member Crawford				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				



**EXHIBIT A
FEE PROPOSAL ***

* With cost savings based on combining into one project

**ENGINEERING SERVICES FOR
2009 FEDERALLY FUNDED MAJOR ROAD PROJECTS**

We the undersigned propose to furnish to the City of Novi services consistent with the Request for Qualifications dated January 11, 2007 and Request for Proposals dated February 27, 2009 respectively. Design fees will be paid on an hourly basis for actual work performed to a maximum as proposed. A separate fee schedule is being provided should the City request additional work on an hourly basis.

Project	Phase	Total Fee
PROJECT 1— Meadowbrook (Eight Mile to Nine Mile)	Design Phase (not-to-exceed fee)	\$ 18,500
	Contract Administration (not-to-exceed fee)	\$ 6,700
	A) Inspection Fee per Crew Day: \$ <u>608</u> /day	
	B) Estimated Number of Crew Days: <u>35</u> days	
	Total Estimated Inspection Fee (A x B, above)*	\$ 21,280
	TOTAL ENGINEERING FEE FOR PROJECT 1	\$ 46,480
	Project 2—Nine Mile (Meadowbrook to Haggerty)	Design Phase (not-to-exceed fee)
Contract Administration (not-to-exceed fee)		\$ 6,700
A) Inspection Fee per Crew Day: \$ <u>608</u> /day		
B) Estimated Number of Crew Days: <u>35</u> days		
Total Estimated Inspection Fee (A x B, above)*		\$ 21,280
TOTAL ENGINEERING FEE FOR PROJECT 2		\$ 46,480
Project 3—Nine Mile (Novi to Taft)		Design Phase (not-to-exceed fee)
	Contract Administration (not-to-exceed fee)	\$ 6,700
	A) Inspection Fee per Crew Day: \$ <u>608</u> /day	
	B) Estimated Number of Crew Days: <u>30</u> days	
	Total Estimated Inspection Fee (A x B, above)*	\$ 18,240
	TOTAL ENGINEERING FEE FOR PROJECT 3	\$ 44,840

*Only Design Fees will be awarded at the time of initial award. Contract Administration and Construction Inspection fees will be awarded at the time of construction award. At that time, the number of crew days will be provided by the contractor. The total inspection fees will be determined by using the Inspection Cost per Crew Day (provided by the consultant, above) and the Number of Crew Days to be provided by the Contractor. Estimate crew days are used for estimated fee calculation only.